Contents Volume 28, 1991

Quantitative interpretation on three-dimensional mise-à-la masse data. A case history from Gairloch, northwest Scotland
A. Bowker (Leicester, UK) 1
Magnetic characteristics of some pyrrhotite-bearing rocks in the United Kingdom
G.F. Thomson (Newcastle upon Tyne, UK), J.D. Cornwell (Keyworth, UK) and D.W. Collinson, Newcastle upon Tyne, UK) 23
Modelling of the Campidano graben (Sardinia, Italy) by combined geophysical data
R. Balia (Cagliari, Italy), V. Iliceto (Padua, Italy), M. Loddo (Bari, Italy) and G. Santarato (Ferrara, Italy) 43
VLF anomalies at contacts between Precambrian rocks in southwest Nigeria
A. Aina and W.O. Emofurieta (Ile-Ife, Nigeria) 55
Examples of terrain corrections in the VLF method in the Caucasian region, USSR
L.V. Eppelbaum (Baku, USSR) 67
Gravity survey of the urban area of Milan (Italy)
R. Cassinis, E. Cassano and M. Nardon (Milan, Italy) 77
Porosity interpretation through seismics
C.H. Mehta and B.M. Verma (Dehradun, India) 91

Announcement 107

Detecting voids in a 0.6 m coal seam, 7 m deep, using seismic reflection
R.D. Miller and D.W. Steeples (Lawrence, KS, USA) 109
Delineation of a greenstone belt using aeromagnetics, Landsat and photogeology – A case study from the South Indian Shield
Ch. Ramarao, T.R.K. Chetty, A. Lingaiah and V. Babu Rao (Hyderabad, India) 121
Delineation of a resistive drainage channel by EM conductivity survey
R.D. Ogilvy (Keyworth, UK), A. Cuadra (Madrid, Spain), P.D. Jackson (Keyworth, UK) and V. Cuellar (Madrid, Spain) 139
Mapping of seawater intrusion into the coastal aquifer of Israel by the time domain electromagnetic method
M. Goldman (Holon, Israel), D. Gilad (Jerusalem, Israel), A. Ronen (Holon, Israel) and A. Melloul (Jerusalem, Israel) 153

Book Reviews

Handbook of Applied Advanced Geostatistical Ore Reserve Estimation in Geomathematics by M. David — F.P. Agterberg 175
Geophysical Methods by R.E. Sherrif — P.V. Sharma 177

Introduction
B.K. Sternberg, M.M. Poulton and M.J. Sully (Tucson, AZ, USA) 179
Cross-borehole analysis of velocity and density
L.R. Lines, H. Tan and A.K. Schultz (Tulsa, OK, USA) 183
Algorithms for EOR imaging using crosshole seismic data: an experiment with scale

model data
R.G. Pratt (Toronto, Canada), Li Quan, B.C. Dyer (London, UK), N.R. Goulty (Durham, UK) and M.H. Worthington (London, UK) 193
Hydraulic fracture height in cased wells
K.D. Mahrer (San Antonio, TX, USA) 221
Field tests of geophysical techniques for predicting and monitoring leach solution flow during in situ mining
D.R. Tweeton, C.L. Cumerlato, J.C. Hanson and H.L. Kuhlman (Minneapolis, MN, USA) 251
Transversely isotropic velocity analysis for lithology discrimination
B.S. Byun, D. Corrigan and J.E. Gaiser (Plano, TX, USA) 269
Numerical modeling of surface-to-borehole electromagnetic surveys for monitoring thermal enhanced oil recovery
B.R. Spies (Ridgefield, CT, USA) and R.J. Greaves (Plano, TX, USA) 293
Application of the cross-borehole direct-current resistivity technique for EOR process monitoring — a feasibility study
C.W. Beasly and A.C. Tripp (Salt Lake City, UT, USA) 313
Cross-borehole TEM for enhanced oil recovery: a model study
D.J. LaBrecque (Flagstaff, AZ, USA) 329
Mapping hydraulic fractures using a borehole-to-surface electrical resistivity method
T. Wang, J.A. Stodt (Salt Lake City, UT, USA), D.J. Stierman (Toledo, OH, USA) and L.C. Murdoch (Cincinatti, OH, USA) 349